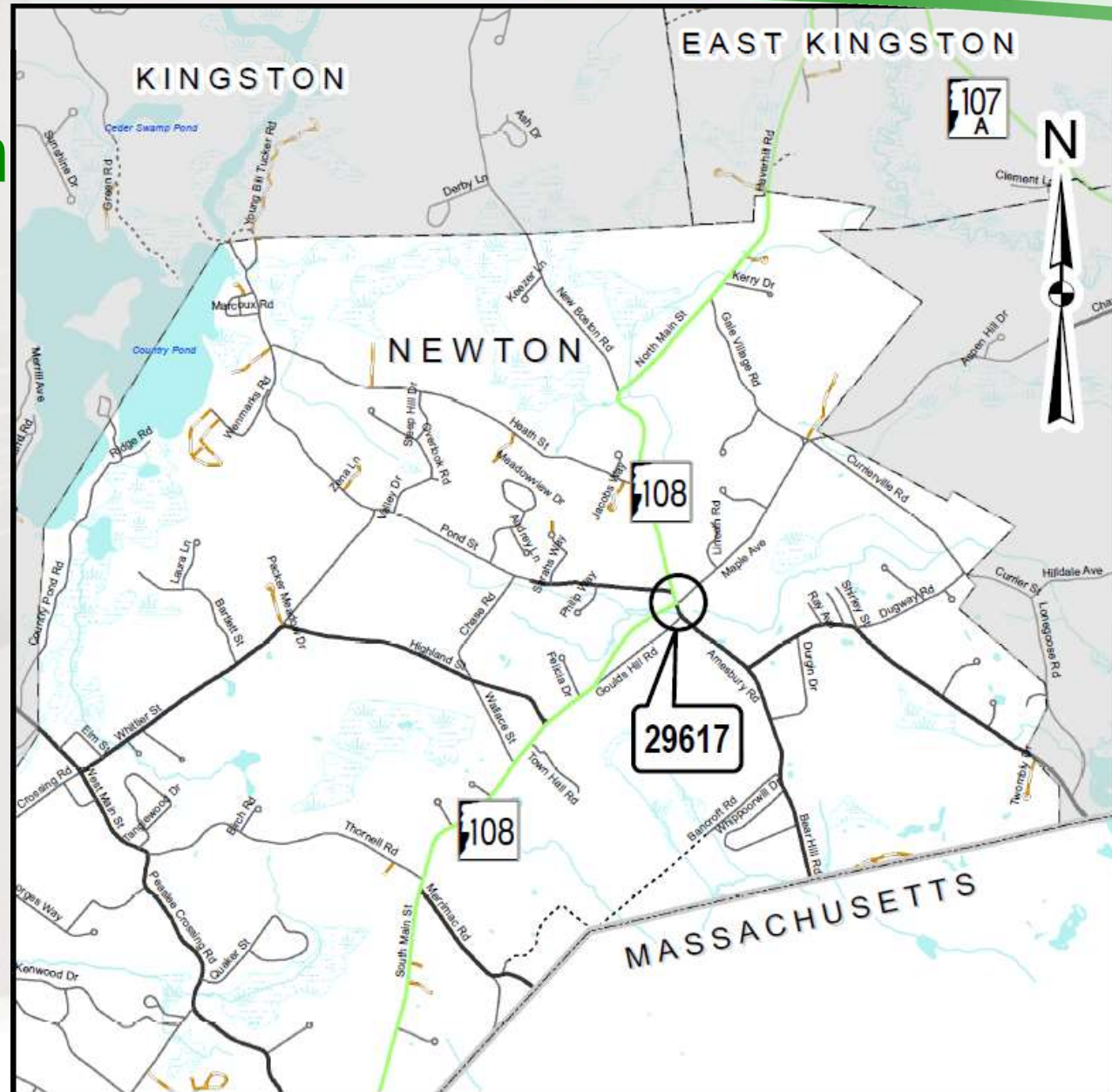


Public Informational Meeting August 13, 2020

Zoom Meeting Participant Protocols:

- A meeting moderator will guide the meeting Agenda and coordinate the meeting logistics.
- There will be an opportunity to ask questions and/or provide comments at the end of the formal presentation.
- Questions/comment can either be entered into the “Q&A box”, or can be addressed through the “raise your hand” option if you prefer to speak, or do not have web access.
- When dialing in via phone, pressing *9 will activate the “raise your hand” feature.

Project Location



Aerial Overview



Project History

- Project added to the 2017-2026 Ten Year Plan
- Design work initiated in 2018
- Public Officials meeting - September 4, 2018
- Public Informational meeting - August 13, 2020

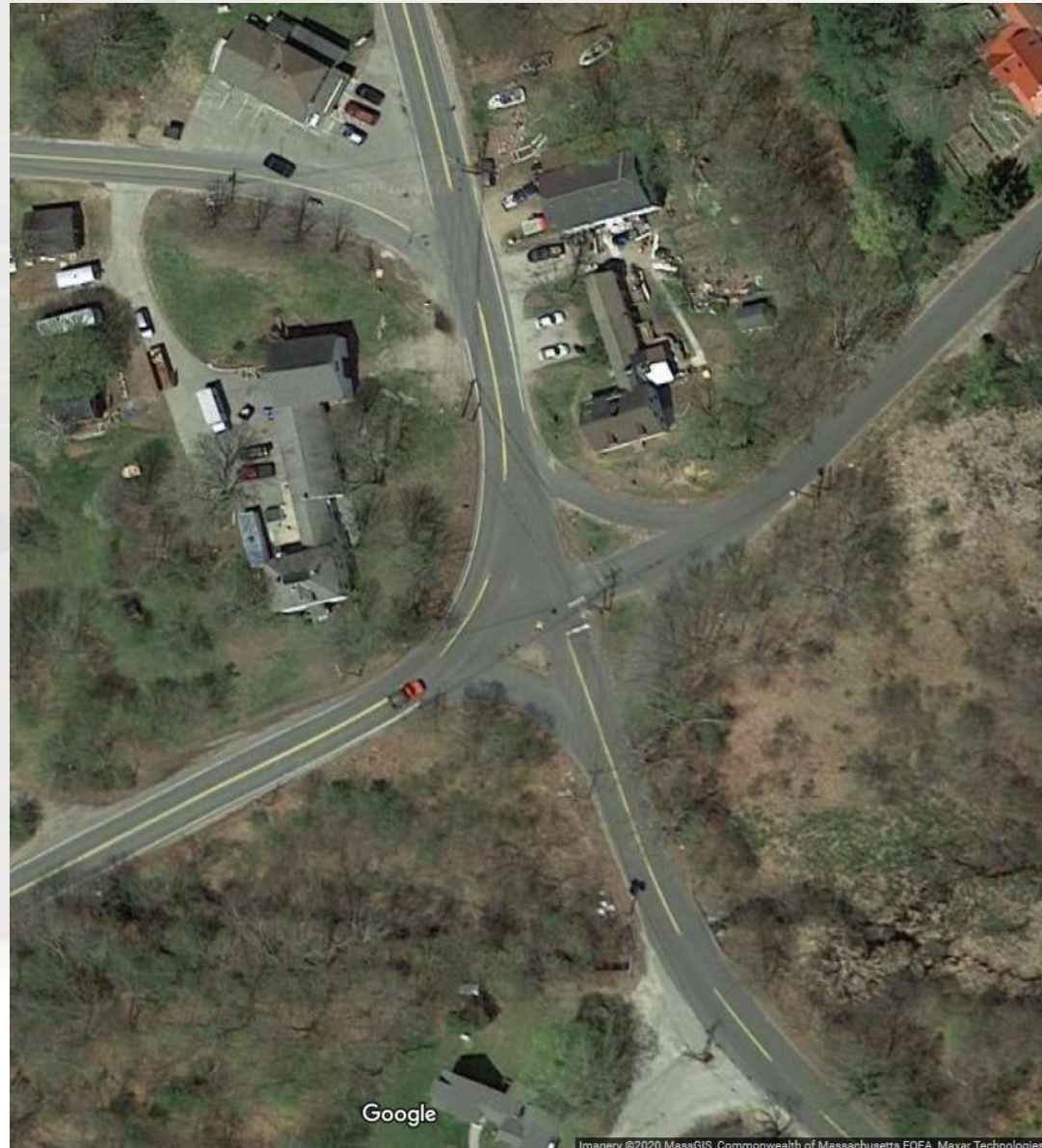
Goals of Today's Meeting:

- Present two design alternatives
 - A four-way stop alternative
 - A roundabout alternative
- Gain input/comment for the proposed alternatives

Existing Conditions

Traffic Volume (2022): <i>(*AADT: Annual Average Daily Traffic)</i>	4430 AADT – NH 108 3810 AADT – Amesbury Rd. 1120 AADT – Maple Ave.
Posted Speed Limit:	30 MPH – NH 108 35 MPH – Amesbury Rd. 30 MPH – Maple Ave.
Lane Width:	Varies 11'-12'
Shoulder Width:	Varies 0'-3'
Right of Way Width:	Varies 50'-66'
Crash Data 2009-2018:	15 crashes during this period

Existing Conditions



Design Considerations:

- Safety
- Traffic Flow
- Property Impacts
- Environmental Aspects
 - Historic, Wetlands, Stream Crossing, Threatened Species, and Water Quality

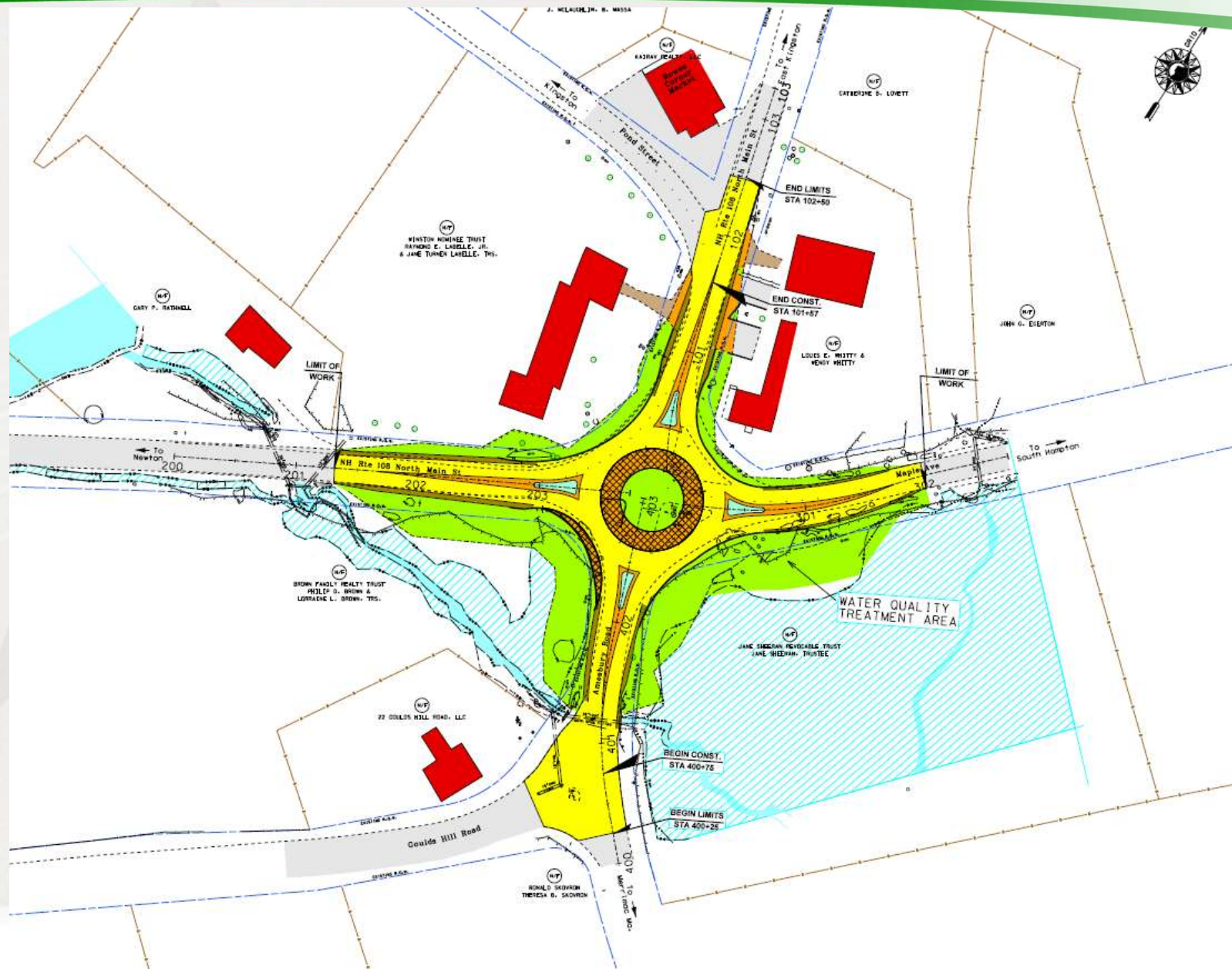
Alternative 1: 4-Way Stop Control

- Adds stop signs to the NH 108 approaches while removing slip-ramps and reducing the overall pavement footprint.
- Reduces the uncertainty of vehicle priorities that exists today due to the combination of free-flow and stop-controlled movements.
- Relocates utility poles to the outside of the roadway/intersection.
- Preliminary Construction Cost est. \$850,000.



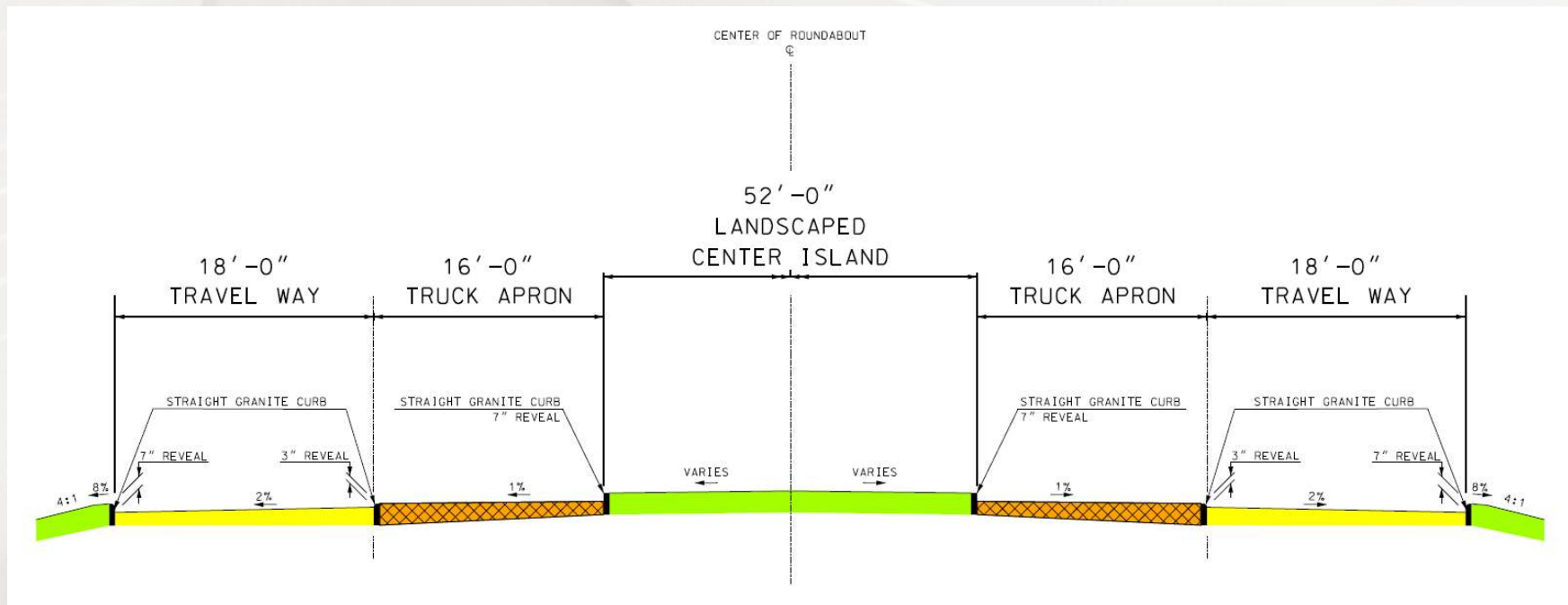
Alternative 2: Roundabout

- Reconstructs the intersection as a single-lane roundabout capable of safely and efficiently accommodating the intersection traffic.
- Allows for free-flowing traffic movements at all times of the day and from every direction.
- Relocates utility poles to the outside of the roadway/intersection.
- Preliminary Construction Cost est. \$1,100,000.



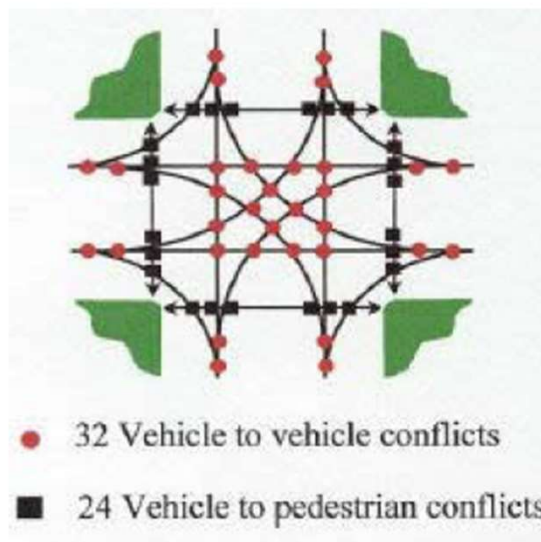
Alternative 2: Roundabout

Roundabout typical:

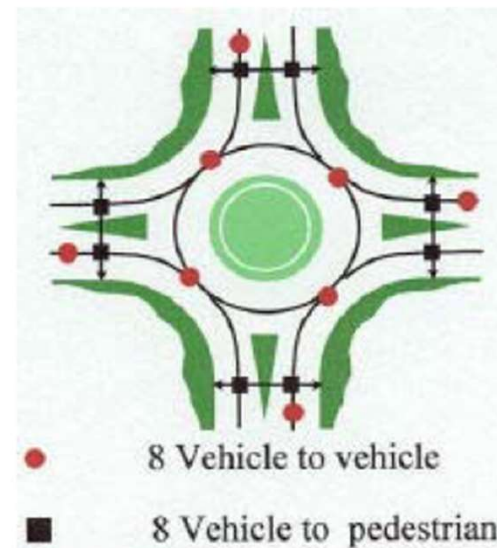


Conflict Points by Alternative:

Possible Conflict Points: Roundabout vs. 4 Way Intersection



4 –Way Intersection



Roundabout

Environmental Review status

- Cultural resources review- initiated for above and below ground resources
- Wetlands and stream through the project area- potential to require a permit
- Northern Long Eared Bat- threatened species
- Urbanized Area- Municipal Separate Storm Sewer System (MS4) Permit

Project Schedule

- Public Informational Meeting – August 13th, 2020
- Public Hearing –Spring 2021
- Final Design – 2021/2022
- Advertising for Bids – Summer of 2022
- Construction starting – Spring of 2023

Questions/Comments?

Reference Information

- **Roundabout Information/Guidance:**
<https://www.nh.gov/dot/org/projectdevelopment/highwaydesign/roundabouts/index.htm>
- **Becoming a Consulting Party for Cultural Resources Review:**
<https://www.nh.gov/dot/org/projectdevelopment/environment/units/program-management/documents/Bureau16consultingpartyhandout-updatedAug2011.pdf>
- **Project Website:**
<https://www.nh.gov/dot/projects/newton29617/index.htm>

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